

# ***New Jersey Department of Transportation***

1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



## ***Baseline Document Change Announcement***

### **2001 Standard Roadway Construction Details**

**Replacement of Class “C” concrete with Class “B” concrete.**

**BDC02D-01**

**February 6, 2003**

**SUBJECT:** Revision to the English and Metric 2001 Standard Roadway Construction Details CD-602-1, CD-603-1 through CD-603-9, CD-605-1 & 3, CD-610-1, CD-612-1, CD-614-1, CD-614-2, CD-617-3 through CD-617-5 related to the replacement of Class “C” concrete with Class “B” concrete; the use of 30B cast iron, and other incidental modifications.

**REFERENCE:** This announcement must be used in conjunction with [BDC02S-08](#), dated February 7, 2003, revisions to subsection 106.03, 305.05, 905.02, 914.04 and 914.05 of the 2001 Standard Specification.

The attached Standard Roadway Construction Details have been revised to replace the use of Class “C” concrete with Class “B” concrete; to limit the application of Standard Details for manhole and inlet castings to Class 30B cast iron and allow for the use of other classes of cast iron and other materials based on “Approved Products Lists”; and to include other incidental modifications.

Note 10 on CD-603-1.6 has been added, note states that the Standard Details apply to 30B cast iron only, this approach will allow for the use of products that meet our critical standards related to drainage, bicycle safety, general safety etc.

The incidental revisions include corrections to reinforcing bar sizes, correcting the presentation such as slopes to include “H” and “V” (example, was 6:1, now “6H: 1V”) and the note for “concrete/white concrete” as well as minor drafting corrections.

The following revisions are included in the attached Standard Construction Details:

#### **CD-602-1**

CD-602-1.3 – Changed Concrete class “C” to “B”.

#### **CD-603-1**

CD-603-1.6 - Changed Concrete class “C” to “B,” in Note 1 and added Note 10.

CD-603-1.7 – Added reference to Note 10, CD-603-1.6.

CD-603-1.8 - Added reference to Note 10, CD-603-1.6.

AREA ABOVE TITLE BLOCK – (*English only.*) Changed the word “NOTES” to “NOTE.”

### **CD-603-2**

CD-603-2.1 - Added reference to Note 10, CD-603-1.6.

CD-603-2.4 - Added reference to Note 10, CD-603-1.6.

CD-603-2.5 - Added reference to Note 10, CD-603-1.6.

### **CD-603-3**

CD-603-3.1 - (*English only*.) Changed bar size “4” to “13.”

CD-603-3.2 - (*English only*.) Changed bar size “4” to “13.”

CD-603-3.4 - Added reference to Note 10, CD-603-1.6.

CD-603-3.5 - (*English only*.) Changed bar size “4” to “13.”

AREA ABOVE TITLE BLOCK – (*English only*.) Add note, “ Reinforcing Bars are in Metric Units.”

### **CD-603-4**

CD-603-4.3 - Added reference to Note 10, CD-603-1.6.

CD-603-4.4 – (*English only*.) Changed “6:1” to “6H: 1V.”

CD-603-4.5 - (*English only*.) Changed “6:1” to “6H: 1V.”

AREA ABOVE TITLE BLOCK – (*English only*.) Add note, “ HMA = Hot Mix Asphalt.”

### **CD-603-5**

CD-603-5.1 – Changed “White Concrete Barrier Curb” to “Barrier Curb.”

CD-603-5.2 - Changed “White Concrete Barrier Curb” to “Barrier Curb.”

CD-603-5.3 - Added reference to Note 10, CD-603-1.6.

AREA ABOVE TITLE BLOCK – (*English only*) Changed the word “NOTES” to “NOTE.”

### **CD-603-6**

CD-603-6.1 - Added note 4.

### **CD-603-7**

CD-603-7.1 -. Added note 4.

### **CD-603-8**

CD-603-8.1 - Added reference to Note 10, CD-603-1.6.

CD-603-8.2 - Changed Concrete class “C” to “B”.

### **CD-603-9**

CD-603-9.1 - Changed Concrete class “C” to “B,” on both manhole details.

### **CD-605-1**

CD-605-1.8 - Changed Concrete class “C” to “B”.

### **CD-605-3**

CD-605-3.5 - Changed Concrete class “C” to “B” on end views.

### **CD-610-1**

CD-610-1.1 - Changed Concrete lass “C” to “B”.

CD-610-1.2 - Changed Concrete class “C” to “B” on outlet end and inlet end.

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### **CD-612-1**

CD—612-1.2 – Changed Concrete class “C” to “B”.

(*Metric only*) Added sub-detail number.

**CD-614-1**

CD-614-1.1 - Changed Concrete class "C" to "B".

**CD-614-2**

CD-614-2.2 - Changed Concrete class "C" to "B".

**CD-617-3**

CD-617-3.1 - Changed Concrete class "C" to "B" in view A-A for concrete pavement and HMA pavement.

**CD-617-4**

CD-617-4.1 – Added "concrete/" to note 3.

**CD-617-5**

CD-617-5.1 - Added "concrete/" to note 3.

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E&O Building, 1<sup>st</sup> Floor  
1035 Parkway Avenue, PO Box 600  
Trenton, New Jersey 08625-0600  
Phone: (609) 530-5587  
Fax: (609) 530-6626


**Recommended By:**

ORIGINAL SIGNED

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Brian Strizki  
Director,  
Quality Management Services

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Attachment: CD-602-1, CD-603-1 through CD-603-9, CD-605-1 & 3, CD-610-1, CD-612-1 CD-614-1, CD-614-2, CD-617-3 through CD-617-5 (English and Metric)

**Approved By:**

ORIGINAL SIGNED

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Art Silber  
Assistant Commissioner,  
Capital Program Management